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Assistant Commissioner for Patents
Washington, D.C. 20231

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UNITED STATES OF AMERICA

20 December 2001

INTELLECTUAL PROPERTY LAW

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☐ Via E-Mail Attachment

☐ Please Acknowledge Receipt

Attorney Docket: P56293

Sir:

Submitted herewith is the following patent application:

Inventor: 1) Myongsu Choe

Title: APPARATUS AND METHOD FOR PERFORMING HIGH-SPEED IP ROUTE LOOKUP AND MANAGING ROUTING/FORWARDING TABLES

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 17 sheets, Figures 1 through 16

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic Of Korea Application No. 2001-7568 filed on 15 February 2001

** The US Provisional Application assigned SN. 60/257,148 filed 22 December 2000

FEE (see formula below): CHECKS ARE ENCLOSED (#40783 and #40784)

Basic Fee \$370/740 **\$740.00**

Additional Fees:

Total number of claims in excess of 20: 16 times \$9/18 . **\$288.00**

Number of independent claims in excess of 3: 4 times \$40/80 **\$336.00**

Multiple Dependent Claims \$135/270 **\$0.00**

✓ An Assignment is likewise enclosed: Recording Fee \$40 . . **\$40.00**

Filing Non-English specification **\$0.00**

TOTAL FEES FOR THE ABOVE APPLICATION **\$1,404.00**

Inventor: 1) Myongsu Choe

Title: APPARATUS AND METHOD FOR PERFORMING HIGH-
SPEED IP ROUTE LOOKUP AND MANAGING
ROUTING/FORWARDING TABLES

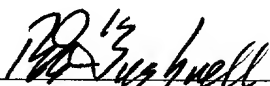
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Telephone: (202) 408-9040
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REB/mn

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	To be Assigned
Filing Date	20 December 2001
First Named Inventor	Myongsu Choe
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT (\$)1,404.00

Attorney Docket No. P56293

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

3. ADDITIONAL FEES

Deposit Account Number: 02-4943
Deposit Account Number: _____

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205	65	Surcharge-late filing fee or oath	\$
		127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
		139	130	139	130	Non-English specification	\$
		147	2,520	147	2,520	For filing a request for reexamination	\$
		112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$
		115	110	215	55	Extension for reply within first month	\$
		116	400	216	200	Extension for reply within second month	\$
		117	920	217	460	Extension for reply within third month	\$
		118	1,440	218	720	Extension for reply within fourth month	\$
		128	1,960	228	980	Extension for reply within fifth month	\$
		119	320	219	160	Notice of Appeal	\$
		120	320	220	160	Filing a brief in support of an appeal	\$
		121	280	221	140	Request for oral hearing	\$
		138	1,510	138	1,510	Petition to institute a public use proceeding	\$
		140	110	240	55	Petition to revive - unavoidable	\$
		141	1,280	241	640	Petition to revive - unintentional	\$
		142	1,280	242	640	Utility issue fee (or reissue)	\$
		143	460	243	230	Design issue fee	\$
		144	620	244	310	Plant issue fee	\$
		122	130	122	130	Petitions to the Commissioner	\$
		123	50	123	50	Petitions related to provisional applications	\$
		126	180	126	180	Submission of Information Disclosure Statement	\$
		581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$40.00
		146	740	246	370	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
		149	740	249	370	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
		Other Fee (specify) _____					\$
		Other Fee (specify) _____					\$

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
(CHECK #40783 and #40784)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		104	740	201	370	Utility filing fee	\$740.00
		106	330	206	165	Design filing fee	\$
		107	510	207	255	Plant filing fee	\$
		108	740	208	370	Reissue filing fee	\$
		114	160	214	80	Provisional filing fee	\$
SUBTOTAL (1)						(\$)	740.00

	Extra Claims	Fee from below	Fee Paid
Total claims	36	-20** = 16 x 18	= 288
Independent claims	7	-3** = 4 x 84	= 336
Multiple Dependent			=

** or number previously paid, if greater, For Reissues, see below

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
		103	18	203	9	Claims in excess of 20
		102	84	202	42	Independent claims in excess of 3
		104	280	204	140	Multiple dependent claim, if not paid
		109	84	209	42	** Reissue independent claims over original patent
		110	18	210	9	** Reissue claims in excess of 20 and over original patent

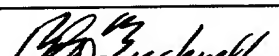
SUBTOTAL (2) (\$)624.00

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	20 December 2001
		Deposit Account User ID	

REB/mn

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Myongsu Choe

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 20 December 2001

Art Unit: *to be assigned*

For: *APPARATUS AND METHOD FO PREFORMING HIGH-SPEED IP ROUTE
LOOKUP AND MANAGING ROUTING/FORWARDING TABLES*


TRANSMITTAL OF DECLARATION

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,


Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.
Washington, D.C. 20005
(202) 408-9040

Folio: P56293
Date: 20 December 2001
I.D.: REB/mn